



REPORT

On

SSIP: STUDENT STARTUP

AND

INNOVATION POLICY

GOVERNMENT POLYTECHNIC

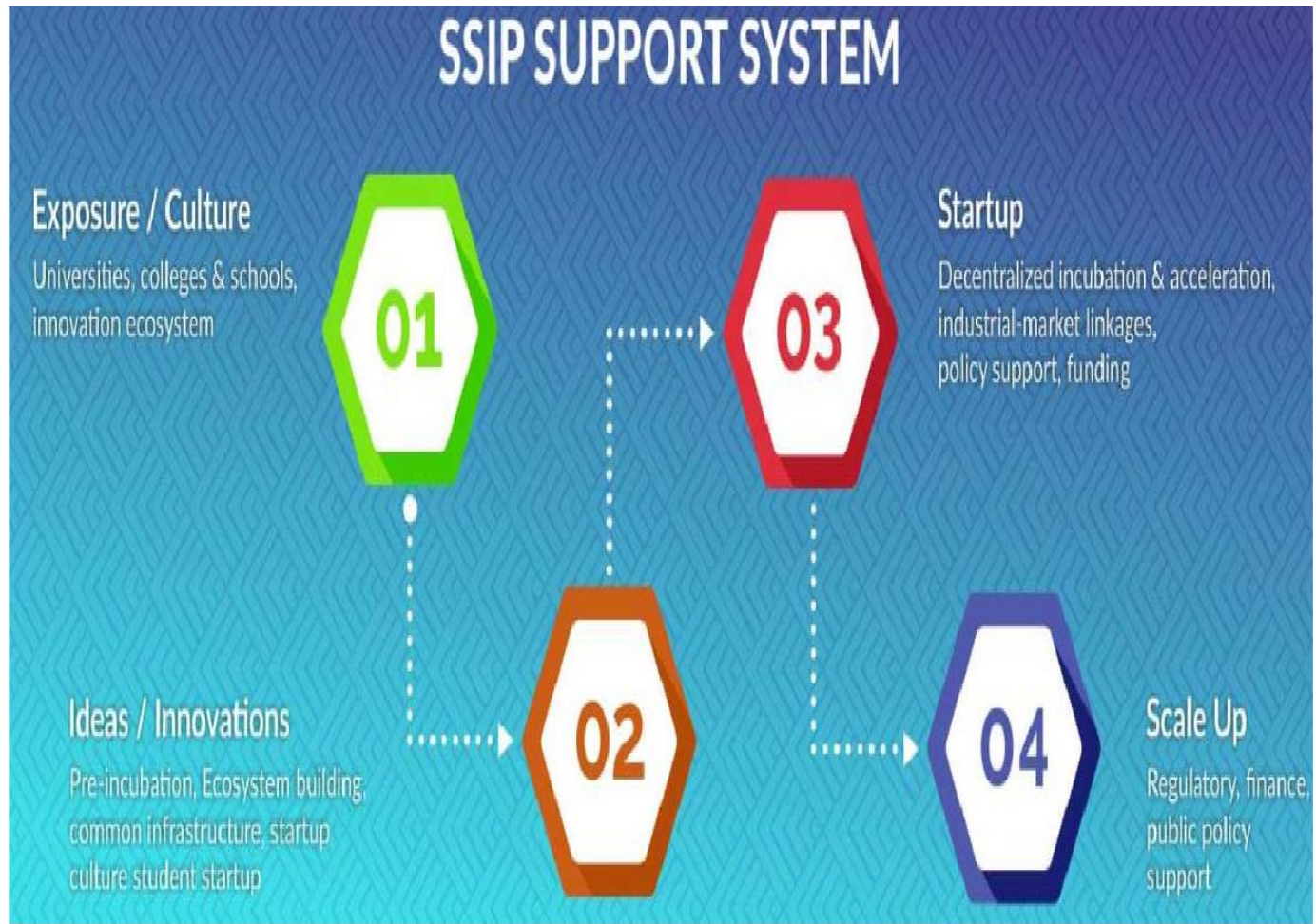
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SSIP: STUDENT STARTUP AND INNOVATION POLICY

<http://www.ssipgujarat.in>



Startup: Startup is an entity that develops a business model based on either product innovation or service innovation and makes it scalable and replicable so as to be self-reliant. Startup may also be an entity that satisfies the requirements of the Department of Industrial Policy and Promotion (DIPP).

Innovation: Conceptually, any innovation implies substantial improvement in the ways of doing things, producing goods or providing services. It may

involve a new use of an existing resource or producing or delivering existing goods or services through new methods or new instruments/materials.

Student Startup: Student Startup is any student-led innovation based startup that has been founded by the efforts of one or more student(s) and/or alumni (not more than 5 years from graduation), from any university /educational institute in the state, with or without the help of faculty guides and external support agents.

In Gujarat, a large number of thesis and innovative ideas emerge every year. How the Student Startup and Innovation Policy (SSIP) transforms ideas into new product and services to becoming entrepreneurs, Imagination is the first step towards the innovation. Innovation & Development provides the platform to the students to nurture their soft skills and technical talents to lead their imaginations. SSIP also provides the facilities for promoting their innovative ideas as well as technical solutions for the local & global challenges of society.

Government of Gujarat has developed a policy for providing assistance to Startups/ Innovation. Under this scheme, any individual/ group of individuals having innovative idea/ Concept will be eligible and/ or Universities/ education institutions, Incubation Centre/ PSUs/ R&D Institutions/ Private and other establishments will be eligible as an institution to support and mentor to innovators as approved by Committee. Startup in an economy's technology sectors is an important indicator of technological performance for several reasons.

The Student Startup & Innovation Policy hence aims at ensuring that the students across all educational institutes of Gujarat get a conducive environment to solve problems and create ideas and opportunities. This policy addresses the need of creating a strong pipeline of innovations out of research and allied efforts across institutes, helping students convert ideas into opportunities, that later can be supported as startups through various existing institutional mechanisms.

Key Objectives of SSIP

1. The Student Startup & Innovation Policy of Government of Gujarat aims to create an integrated, state-wide, university-based innovation ecosystem to support innovations and ideas of young students and provide a conducive environment for optimum harnessing of their creative pursuit.
2. Developing student centric Innovation and Pre-incubation Ecosystem for Students (IPIES).
3. Creating environment for creativity to flourish and an end-to-end support system in educational institutions to allow ample support to ideas for better execution.
4. Build internal capacity of educational institutions and key components of the innovation ecosystem to enable deployed processes to make sustainable impact at scale.
5. Create pathways for mind to market by harnessing and handholding projects/ research/ innovation/ ideas of students in Gujarat.
6. Creating and facilitating sectoral and regional innovation efforts in state around educational institutions.
7. Create a common platform to showcase, support and upscale innovations for motivating stakeholders as well as for an opportunity to create value for money and value for many.
8. Leverage public system initiatives at state and central level, academia, industries and by other ecosystem stakeholders / domain experts and institutions to make an inclusive effort.

Key Goal of SSIP

1. Empower all universities to set-up and execute the broad agenda of innovation and pre- incubation.
2. Aim to create an environment that converts at least 1% graduates into job creators by innovation and allied means.
3. Support at least 1,000 student-led innovations per year and aim to file 1000 patents from universities in the state every year.
4. Harness 500 student startups in the next 5 years, and upscale.
5. Empower universities and educational institutes to build a robust Innovation and Pre- incubation support systems within.
6. Create incentives, awards, appreciations and benchmarks for innovation and student startups and associated efforts at all layers.
7. Build capacity for at least 200 educational institutes in the state in the next five years, to have a robust pre-incubation support for student / alumni startups and Innovations.
8. Undertake strategic interventions to empower all universities in the state to develop full- fledged pre- incubation ecosystem in the next 5 years.
9. Ensure that the innovation processes link academia, society and SMEs through systematic ways so that students and faculty solve their challenges and create further entrepreneurial opportunities.

About SSIP Policy

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2. For more detail please visit: <http://SSIPGujarat.in/>
3. For more detail of various events please visit: [SSIP Gujarat](#)

Some examples of Seminars:

4. Seminar: Role of Startups and Incubators towards Atmanirbhar Bharat (14 June, 2020)
5. Seminar: Design Thinking for Entrepreneurs (13 June, 2020)
6. Seminar: Gujarat to Global (13 June, 2020)
7. Seminar: Business Model Canvas (12 June, 2020)
8. Seminar: Government's start-to-scale programs for innovators and entrepreneurs (11 June, 2020)
9. Seminar: Disruptive Innovations For startups (10 June, 2020)
10. Seminar: Limited Resources, Unlimited Ambition (9 June, 2020)

Key Objectives

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17. Create a common platform to showcase, support and upscale innovations for motivating stakeholders as well as for an opportunity to create value for money and value for many
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Role of Stakeholders

1. Government: Mandate, support, facilitate, integrate and scale
2. Academic stakeholders: Deploy agenda within, quality assurance, create end-to-end support systems, and codification
3. Non-academic, industry and other ecosystem stakeholders:
Mentoring, market access, and domain knowledge

Benefit to Student Innovators & Start-ups

Exposure: SSIP is going to provide detailed exposure to all students, early-stage innovators and allied stakeholders through regular programs, workshops, conferences and seminars. Each SSIP grantee university, institute has been given specific mandate and resources to facilitate large scale exposure programs keeping early-stage student innovators in mind.

Capacity building: SSIP is allocating dedicated resources for capacity building of innovators and student start-ups involving domain experts of national and international repute.

Support for Prototyping: SSIP has created mechanism through which students, innovators, start-ups can be given up to 2 lac INR for developing prototype. Through State SSIP grant committee deserving teams can even fetch grant more than 2 lac per project as per the need. SSIP is one of the very few schemes through which innovators are being supported through seed level grant at nascent stage.

Support for IPR: Through SSIP, innovators can avail average 25 lac INR grant for domestic IPR filing. SSIP also mandate to support student innovators for IPR protection beyond India and give incentives for them.

Pre-Incubation Support: SSIP has short listed various colleges and universities and given grant to create a robust pre incubation process and infrastructure in their respective campuses. Innovators from respective campuses and around the region can fetch benefits through these nodal centers of SSSIP. Innovators can approach to any of the SSIP grantee through web portal and approach to avail SSIP benefits.

Co working and Pre incubation Support at I Hub: SSIP is setting up a state level innovation hub which will be linked with all university level innovation & start-up centers. In this center early-stage student innovators and start-ups can benefit of coworking space, mentoring, access to various programs and allied benefits. SSIP is going to host different sectoral incubators in this hub so that innovators and start-ups across domain and stage of their innovation, enterprise can benefit from this.

Regional Innovation & Start-up Centers: SSIP will extend facilities to innovators and students of even remote places through its 4 regional centers at Ahmedabad, Surat, and Vadodara & Rajkot. Institutes & their students in the nearby region can benefit hugely benefit out of these centers. Maker's lab and similar prototyping facilities will be built in these centers to let innovators access to world class facilities.

Key Facets of the Student Innovation Policy

The following are the key facets of the Gujarat Student Innovation policy:

A. The policy aims to intervene and support at i) Idea level, ii) Innovation level and iii) Pre- incubation level to achieve the broad goals of the policy.

B. The policy is to be implemented in three key layers viz. i) state government, ii) universities, and iii) educational institutes.

C. The resources to implement and deploy the policy are to be mobilized from the State Education Budget, internal resources of universities, central and state support systems and private-sector resources including CSR funds.

D. Common facility and resources such as geographical resources, hard and soft infrastructural resources, process and pedagogy linked resources and sectoral systems shall be created to bring inclusion in the process.

E. Successful implementation of the goals shall be evaluated by considering the implications of metrics such as output-driven indicators, stress on sustainable process design, competitive inspiration-based co-creation and incremental & turnkey measures in suitable proportion.

F. The broad goals of the policy shall be achieved through interventions at pedagogy, co- curricular level and community I ecosystem driven interventions. The policy creates incentive structures at several levels viz. idea level, educational institute level, university level to drive policy and deployment and cluster level to involve non-academic elements.

i. Idea level: Awards, proof of concept, prototyping and IPR support, mentoring support, pre- incubation, academic credits and similar benefits

ii. Educational institute level: Finance, institutional building support and capacity building support

iii. University level: Support to create innovation and pre-incubation

ecosystem, support to finance innovations and IPR, access to external research and entrepreneurship infrastructure, industry and external expertise linkages

iv. Cluster level: Appreciations, recognition, exposure, and access to academic resources

G. The policy leverages complementary and supplementary efforts from various existing policies, schemes and other initiatives of state and central government, universities, and ecosystem stakeholders.

H. A state-level technology platform to be built to:

i. Integrate and streamline discrete efforts

ii. Develop an application portal for registering student ideas and innovations as well as facilitating innovators

iii. Measure processes and key performance indicators (KPI) in real time to take policy decisions

iv. Single-point access and lateral learning opportunities for co-creation

v. Information and access equality/ inclusiveness

vi. Fast-track deployment based on need at grassroots level

vii. Avoid duplication of initiatives.

SSIP events @ Institute:

Sr. No.	Event	Month & Year	Remarks
1.	Two Days Workshops- Boot camp on Entrepreneurship	27 th & 28 th August-2019	100 Students
2.	Expert Lecture on "Intellectual Property Rights"	11 th February 2020	100 Students + beneficiary
3.	Expert Lecture on Entrepreneurship	2 nd July 2019	188 Students
4.	Expert Lecture on Entrepreneurship	23 rd July-2019	79 Students
5.	SSIP Policy and IPR	30 th September- 2019	100 Students
6.	"How to do Successful SSIP Project"	28 th January- 2021	175 Students + beneficiaries
7.	Faculty training under SSIP grant	8 th September - 23 rd October 2020	04 faculties had been deployed for NISE Training.

List of activities under SSIP cell

Sr. No.	Event name	Date	Resource Person name with designation	No. of present students
1	Expert lecture on entrepreneurship and self-employment	02-07-2019	Mr. Nitin Tailor, CEO, Serve Happiness Foundation, Bharuch.	188
2	Expert lecture on entrepreneurship	23-07-2019	Mr. Nitin Tailor, CEO, Serve Happiness Foundation, Bharuch	79
3	Boot camp on entrepreneurship	27/08/2019 & 28/08/2019	Mr. Nitin Tailor, CEO, Serve Happiness Foundation, Bharuch.	100
4	SSIP Policy and IPR	30-09-2019	Urmil K. Patel Lect.in Comp.Engg GIDC College	100
5	Expert lecture on intellectual property right	11/02/2020	Mr. Harshal Vashi, Assistant professor in management in	82

			GIDC Engg. college Navsari.	
6	Faculty training under SSIP Project	08-09-2020 to 23-09-2020		4 faculties have been deployed for NISE Training
7	How to do Successful SSIP Project	28-01-2021	Prof. Nayan Soni Assistant prof.in civil Engg. SSGEC Bhavnagar	175

Financial Achievements

Sr. No.	Date	Year	Grant Received	Expenditure/Utilized
1.	05-06-2019	2019-2020	50000	15000
2.	12-09-2020	2019-2020	-	8000
3.	25-09-2020	2019-2020	-	1200
TOTAL			50000	24200

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